

Program EVALPLOT  
(Version 2021-1)

by

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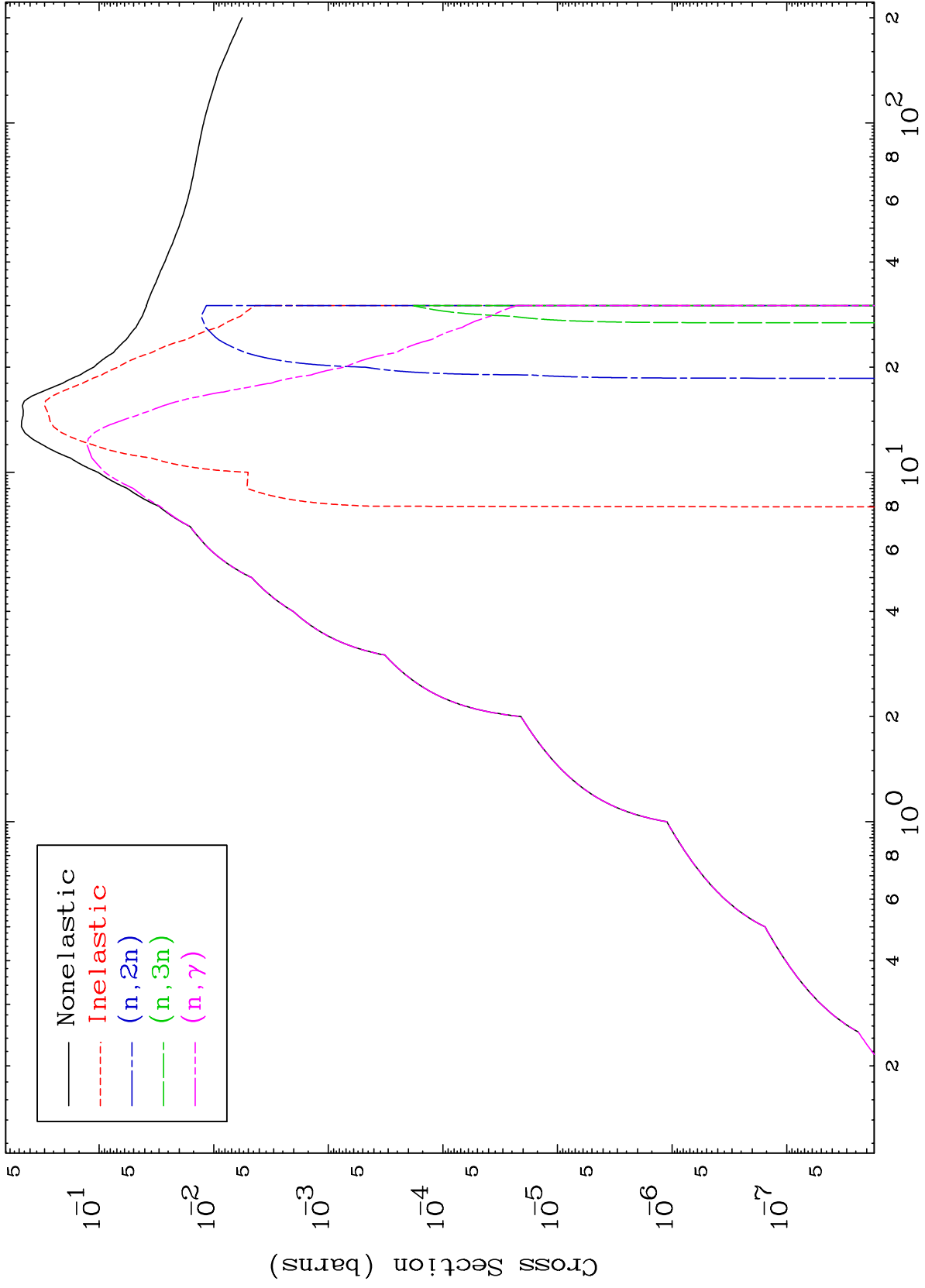
Press Mouse Button to Start

MAT 8080

0 Kelvin

Photon Major

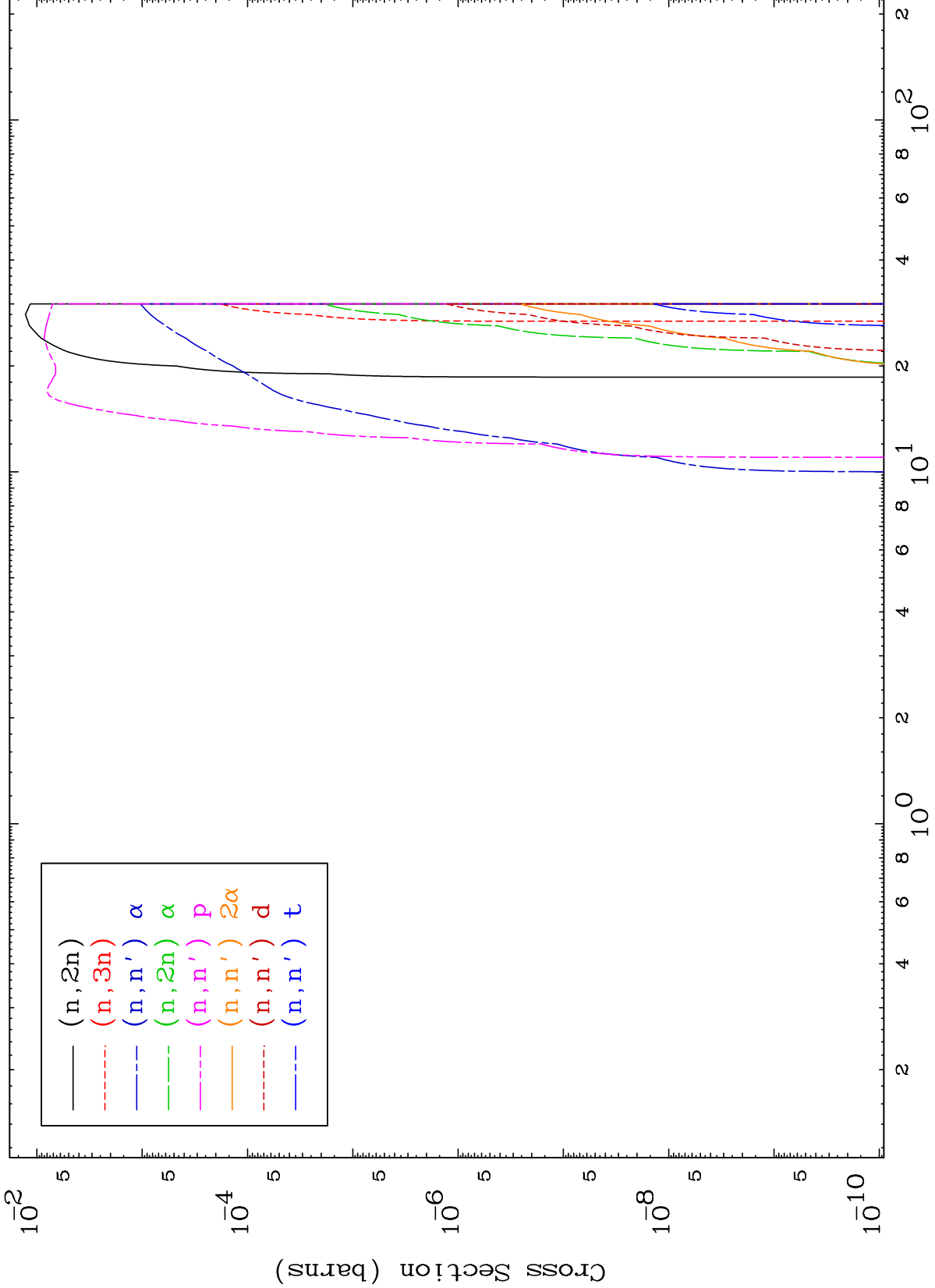
81-Tl-188



MAT 8080

Photon Neutron Absorption  
0 Kelvin Cross Sections

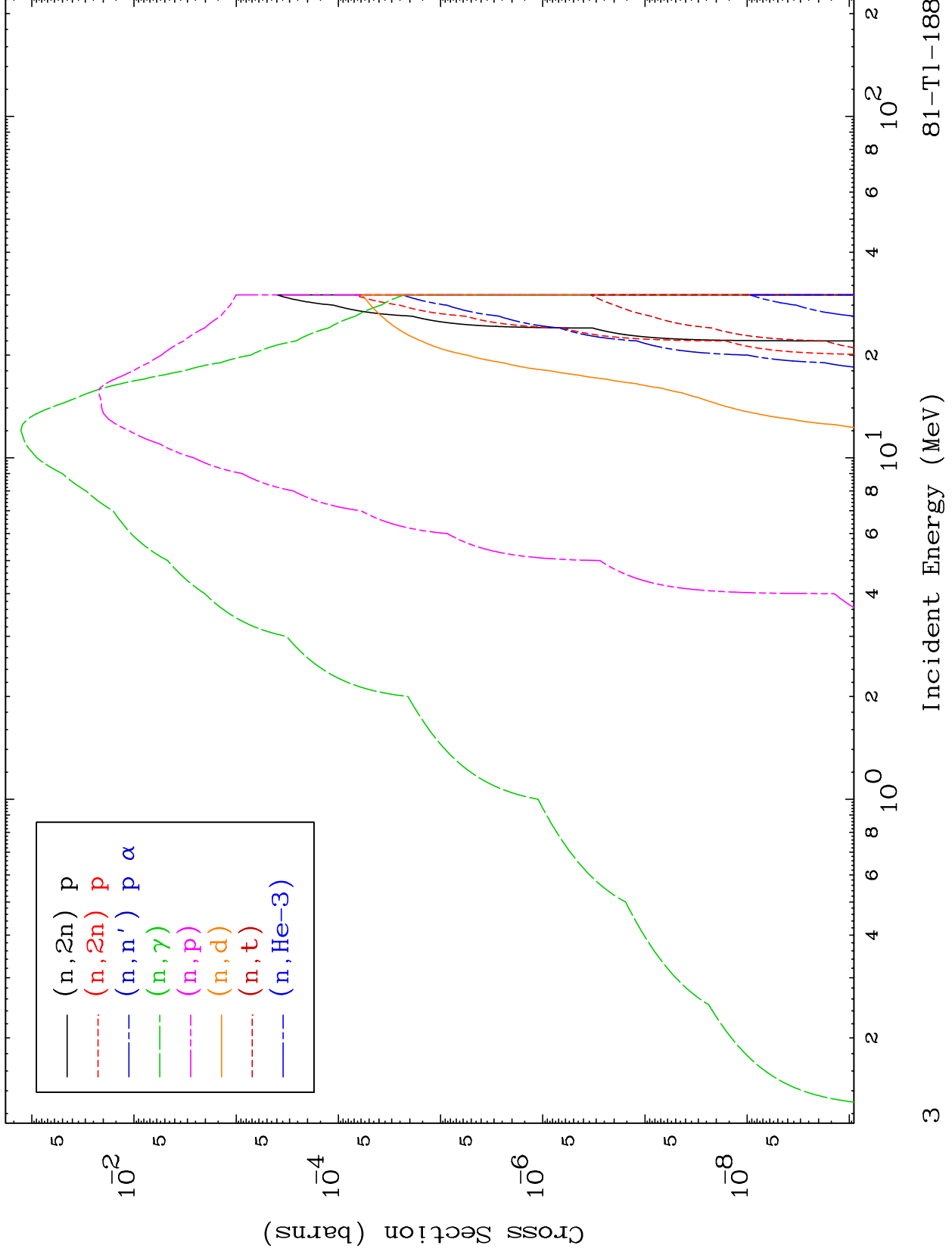
81-Tl-188

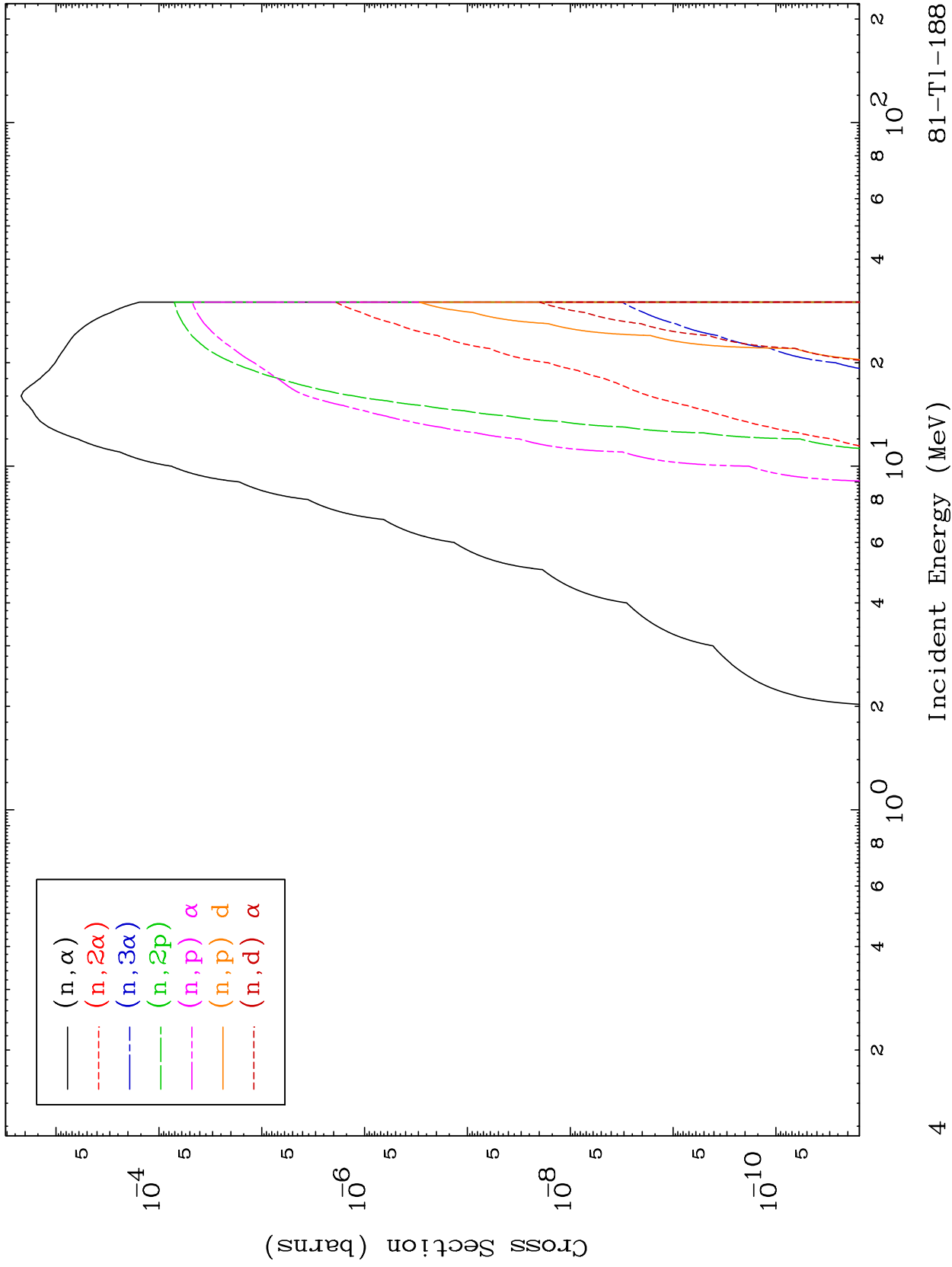


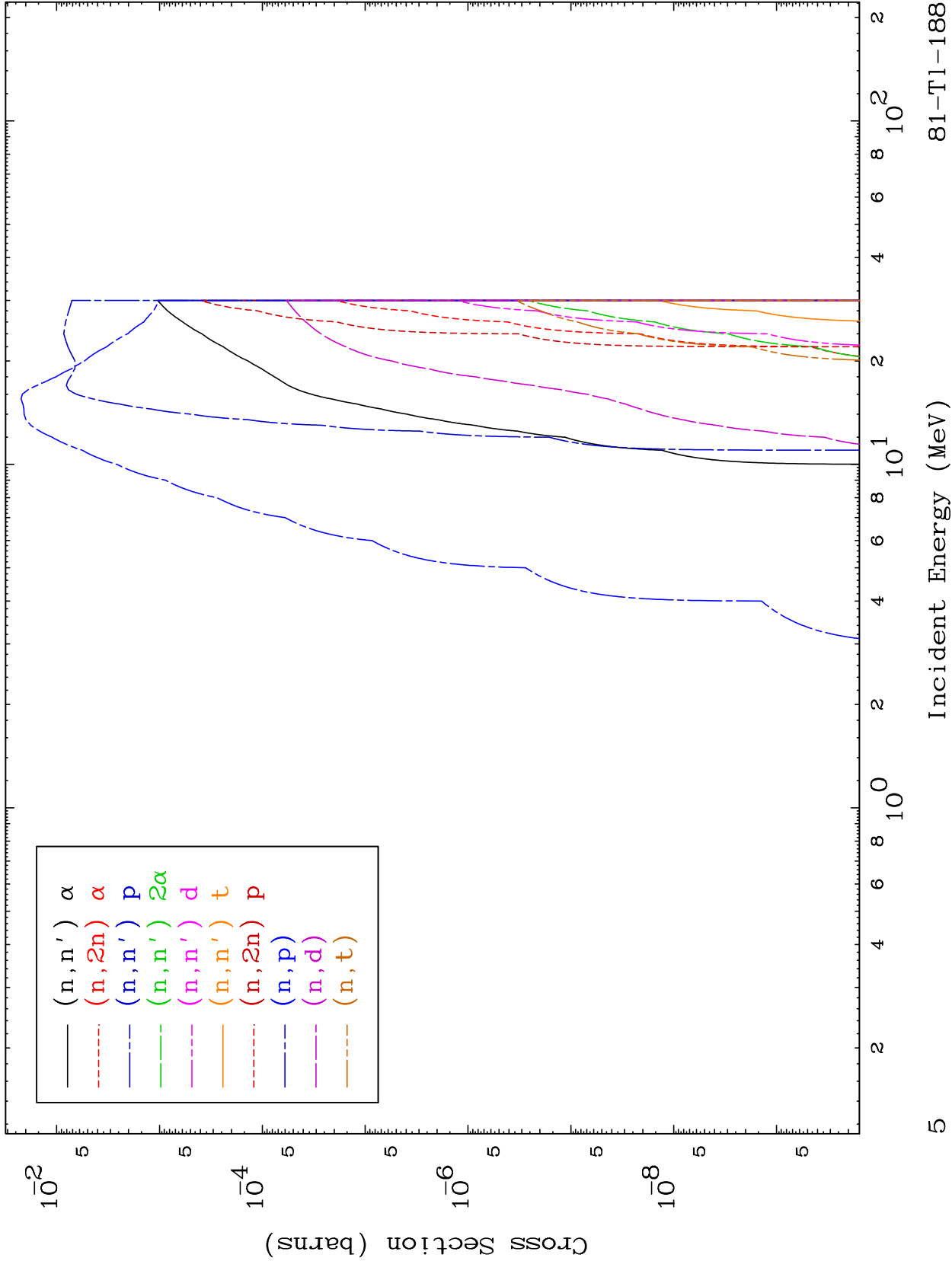
MAT 8080

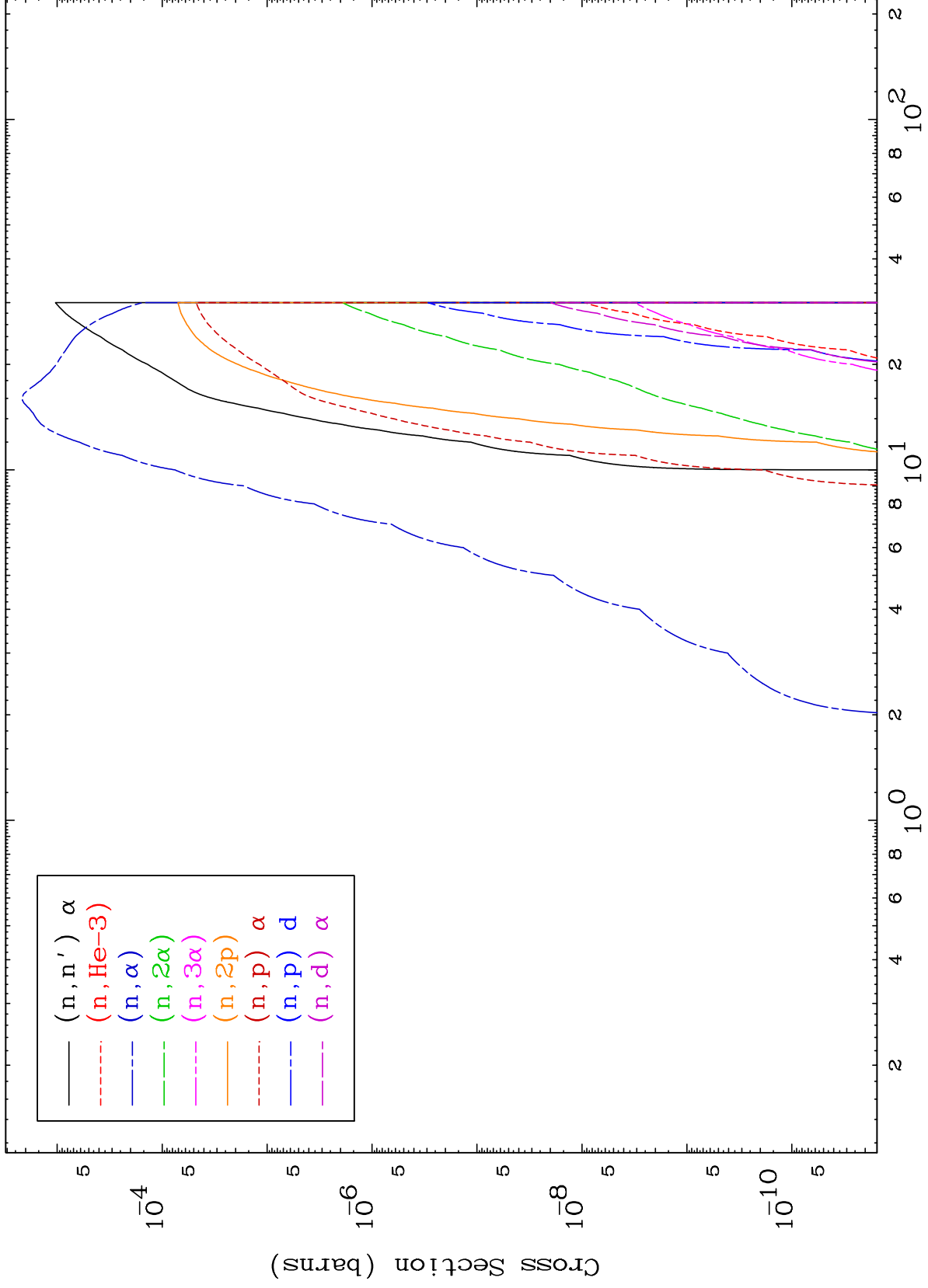
Photon Neutron Absorption  
0 Kelvin Cross Sections

81-Tl-188







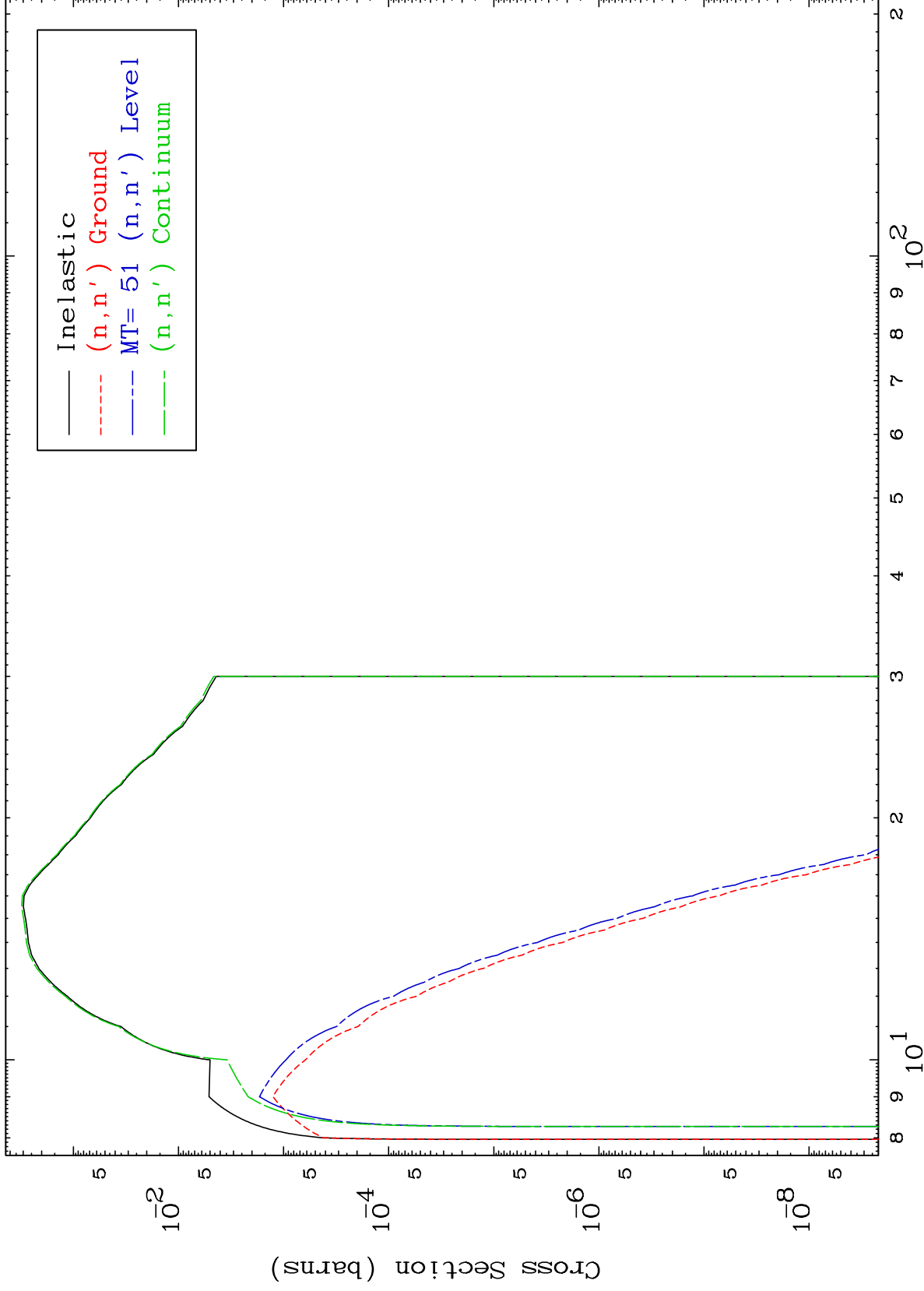


MAT 8080

( $\gamma, n'$ ) Levels

81-Tl-188

0 Kelvin Cross Sections



7

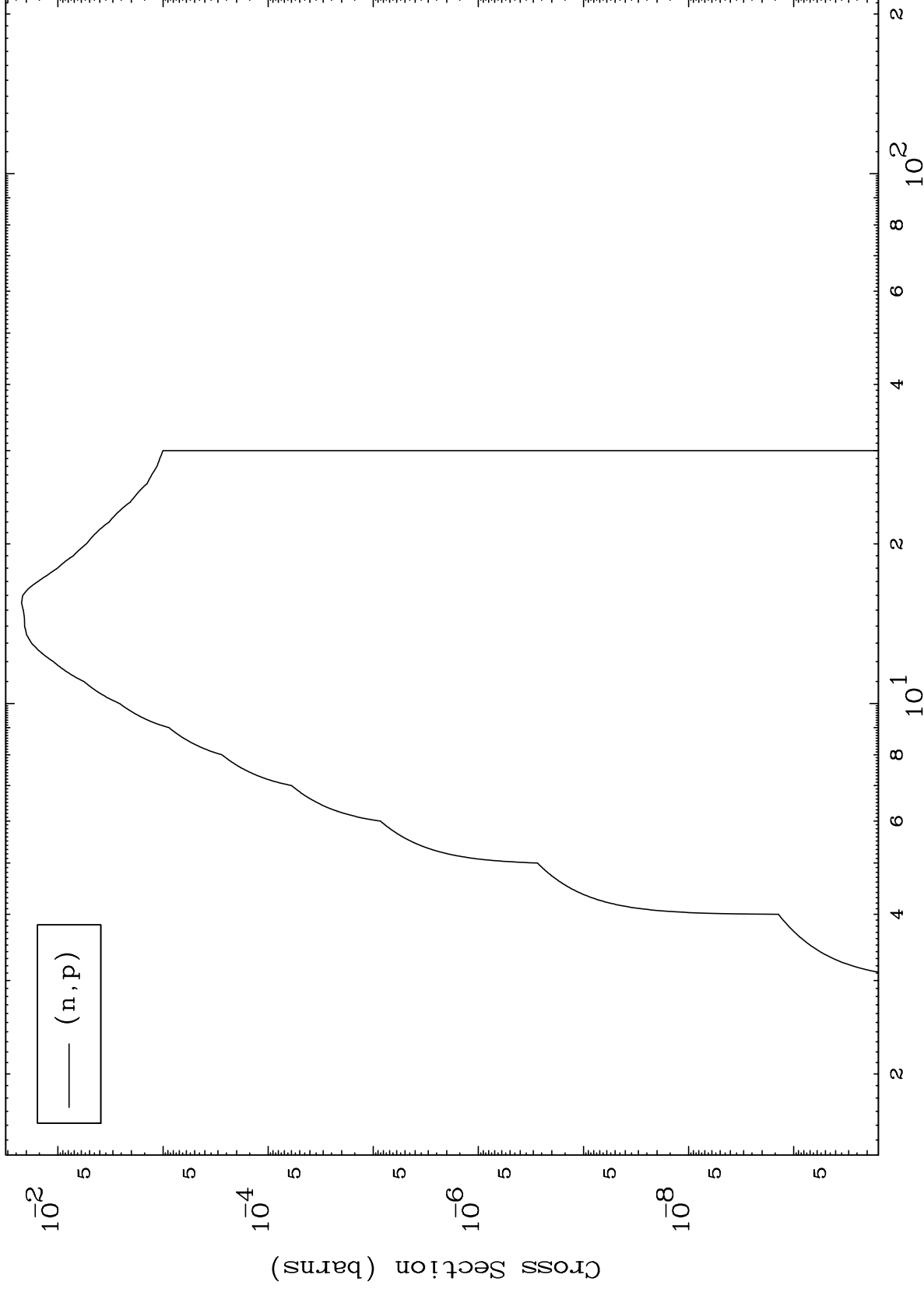
Incident Energy (MeV)

81-Tl-188

MAT 8080

( $\gamma, p$ ) Levels  
0 Kelvin Cross Sections

81-Tl-188



8

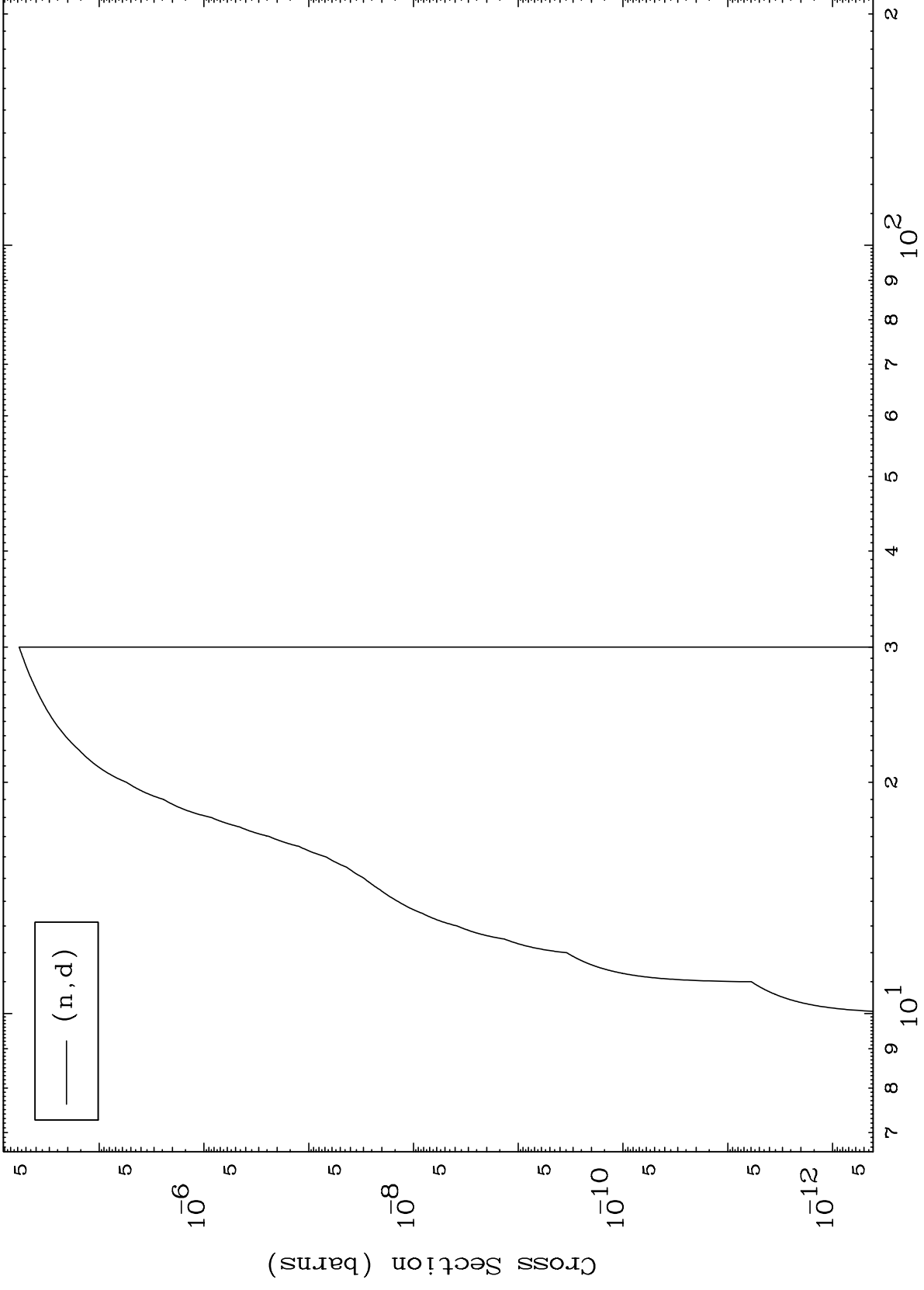
Incident Energy (MeV)

81-Tl-188

MAT 8080

( $\gamma, d$ ) Levels  
0 Kelvin Cross Sections

81-Tl-188



9

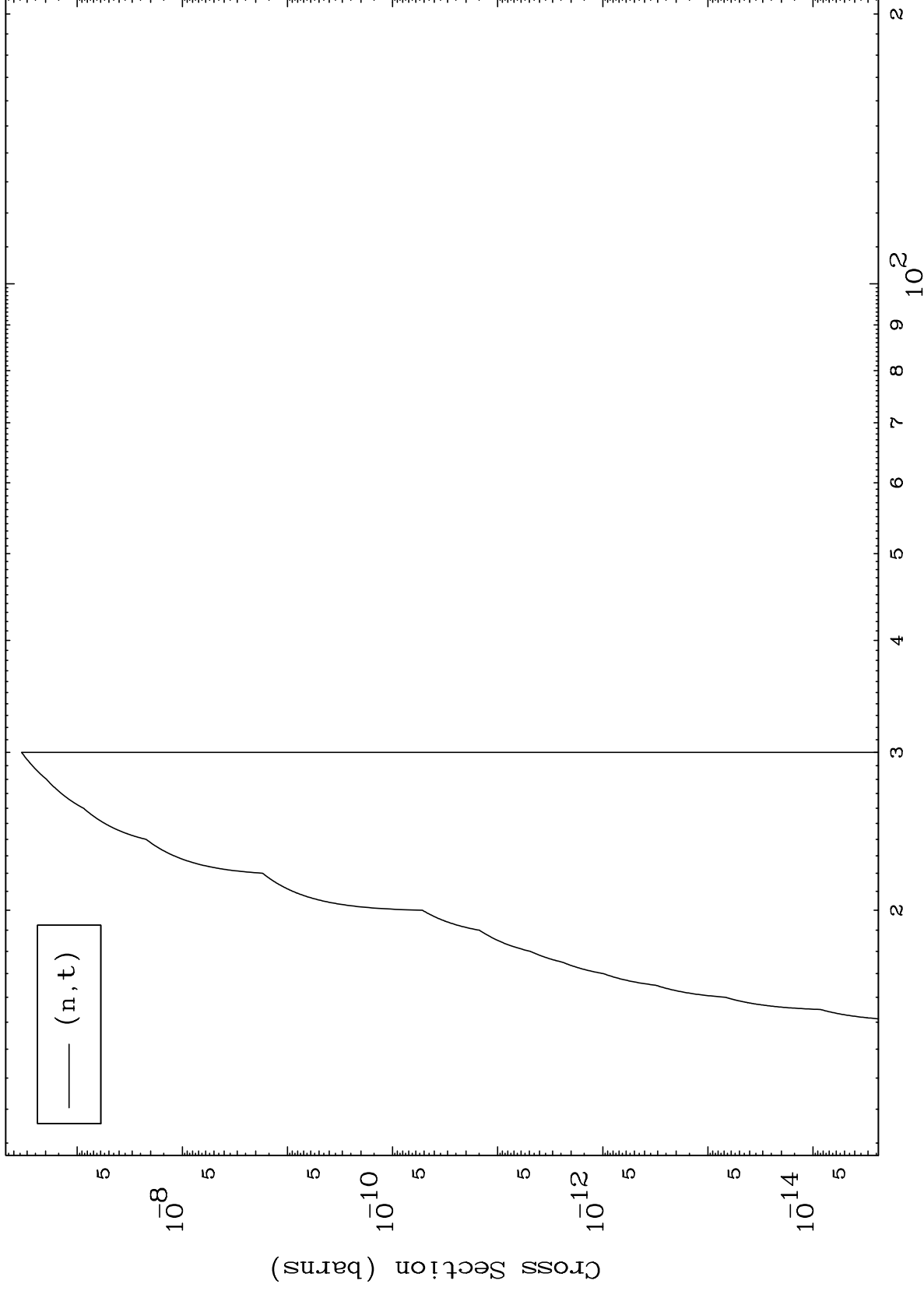
Incident Energy (MeV)

81-Tl-188

MAT 8080

( $\gamma, t$ ) Levels  
0 Kelvin Cross Sections

81-Tl-188



10

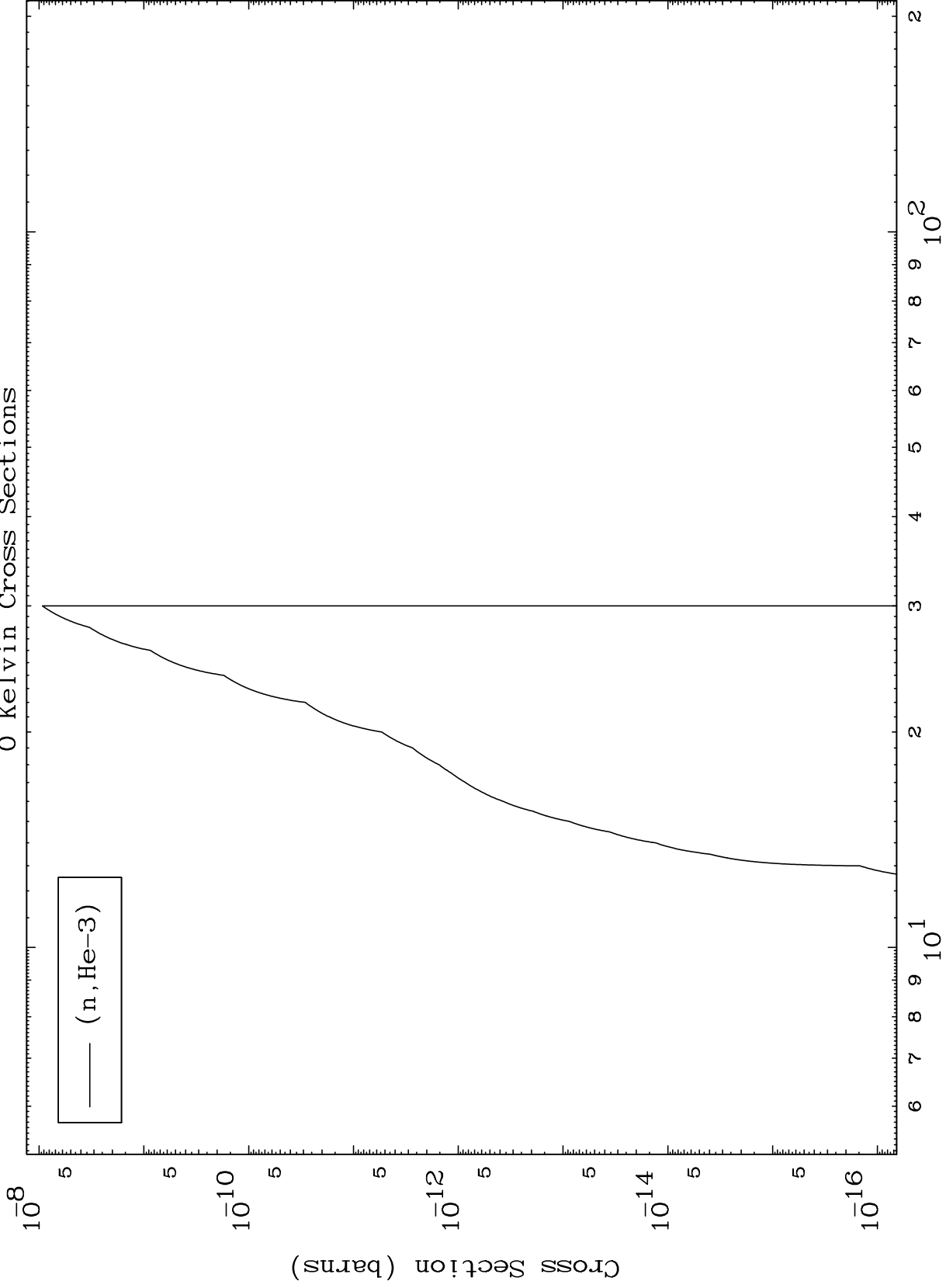
Incident Energy (MeV)

81-Tl-188

MAT 8080

( $\gamma, \text{He}3$ ) Levels  
0 Kelvin Cross Sections

81-T1-188



11

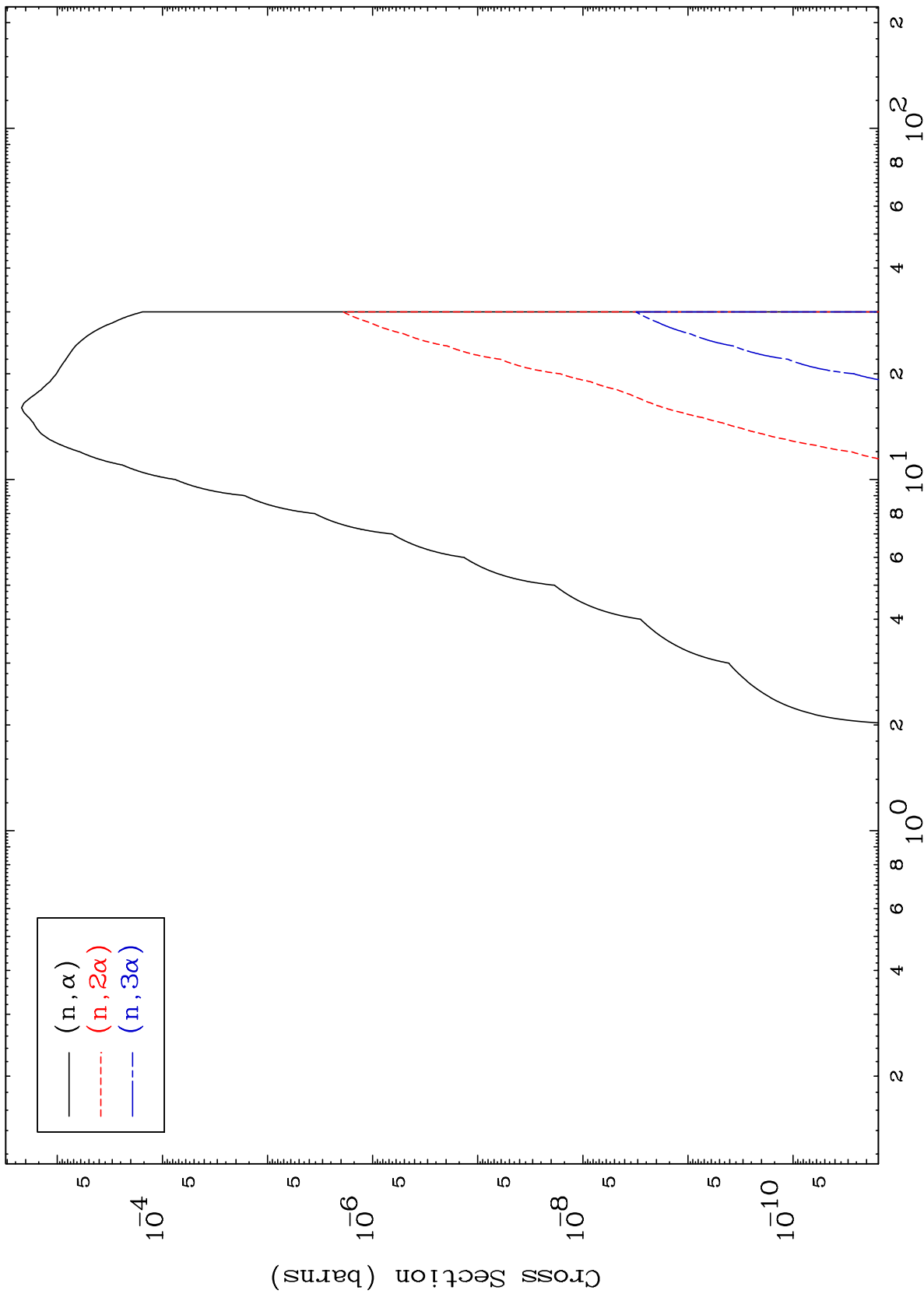
Incident Energy (MeV)

81-T1-188

MAT 8080

81-Tl-188

( $\gamma, \alpha$ ) Levels  
0 Kelvin Cross Sections



81-Tl-188

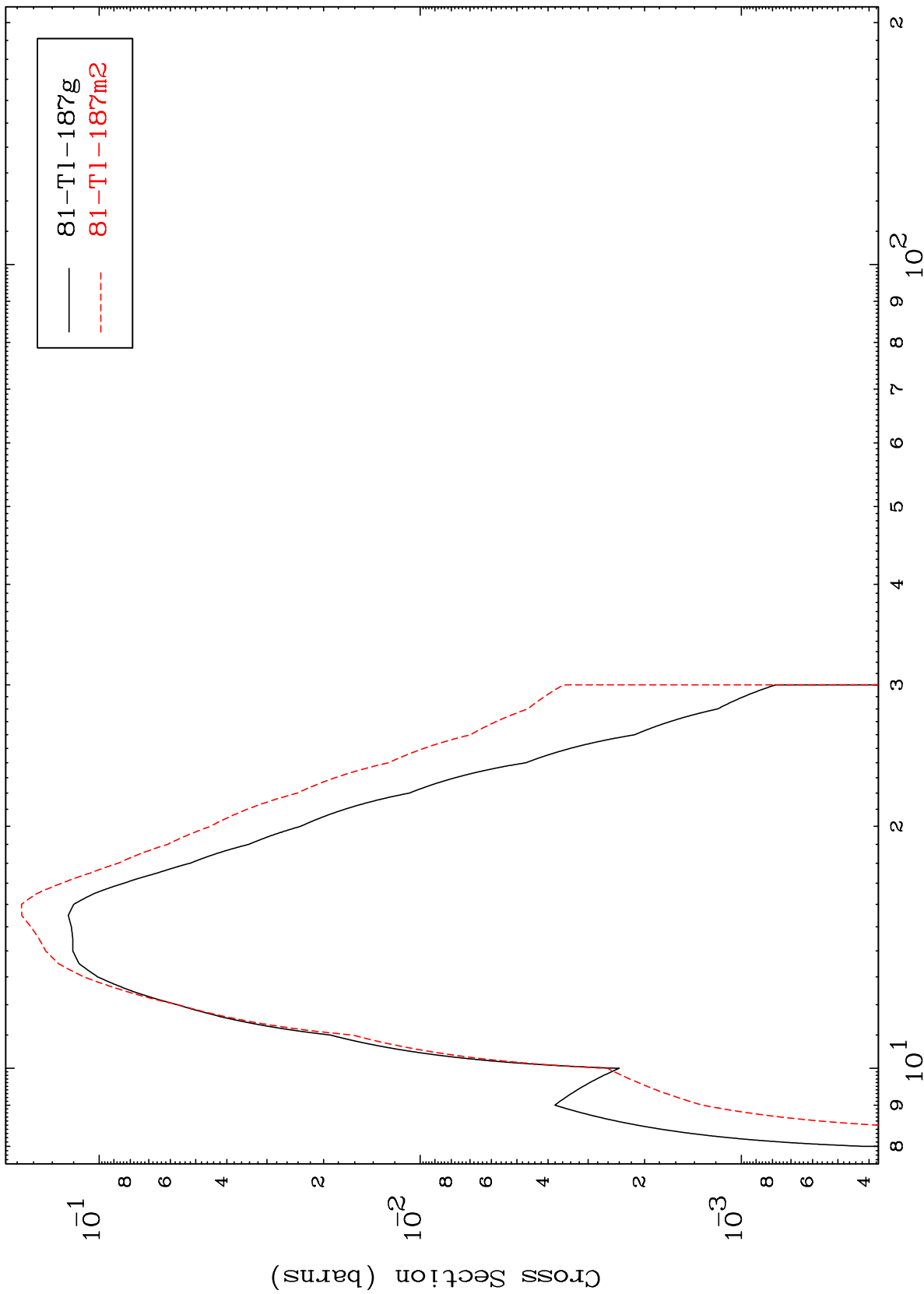
Incident Energy (MeV)

12

MAT 8080

81-Tl-188

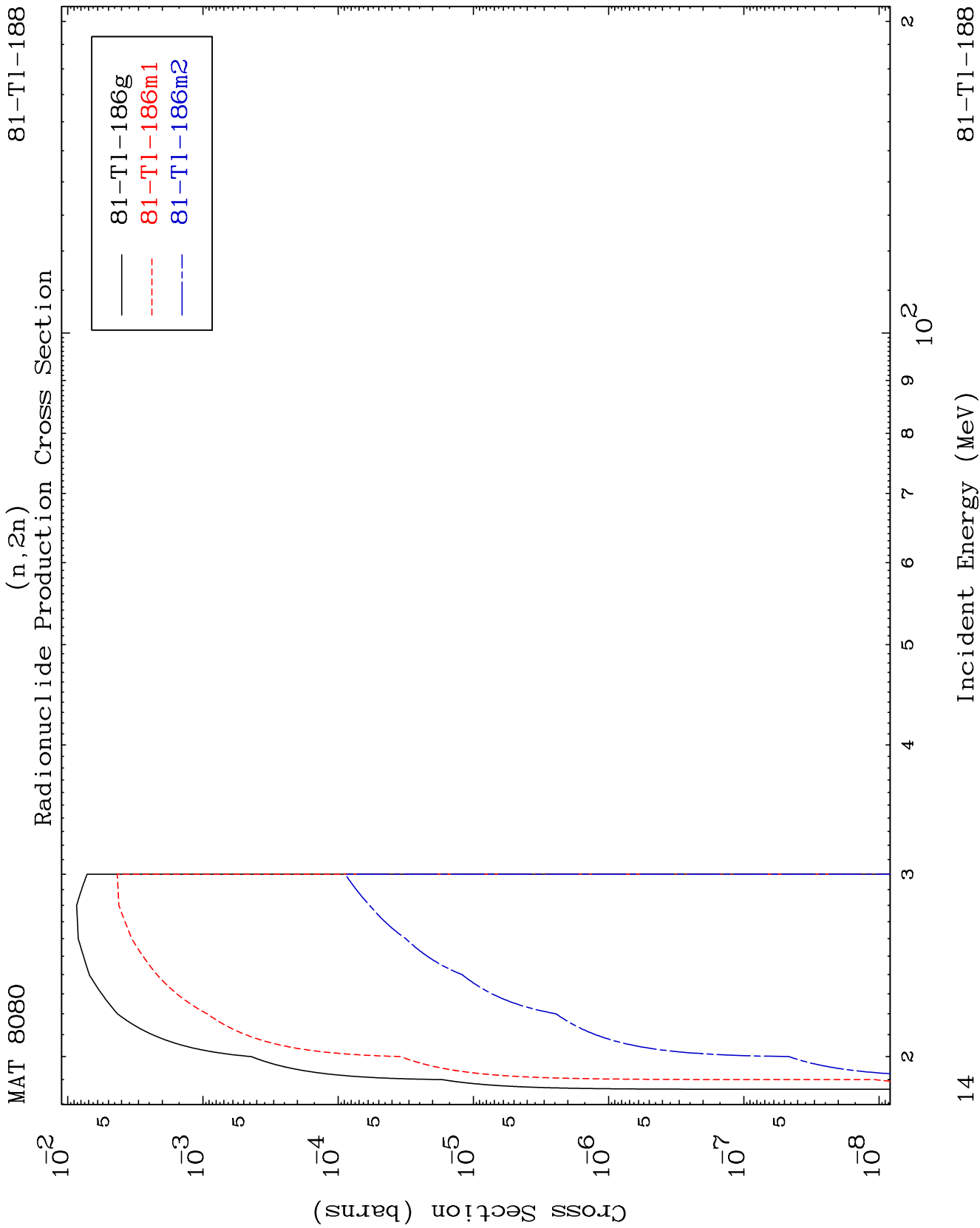
Inelastic  
Radionuclide Production Cross Section



81-Tl-188

Incident Energy (MeV)

13

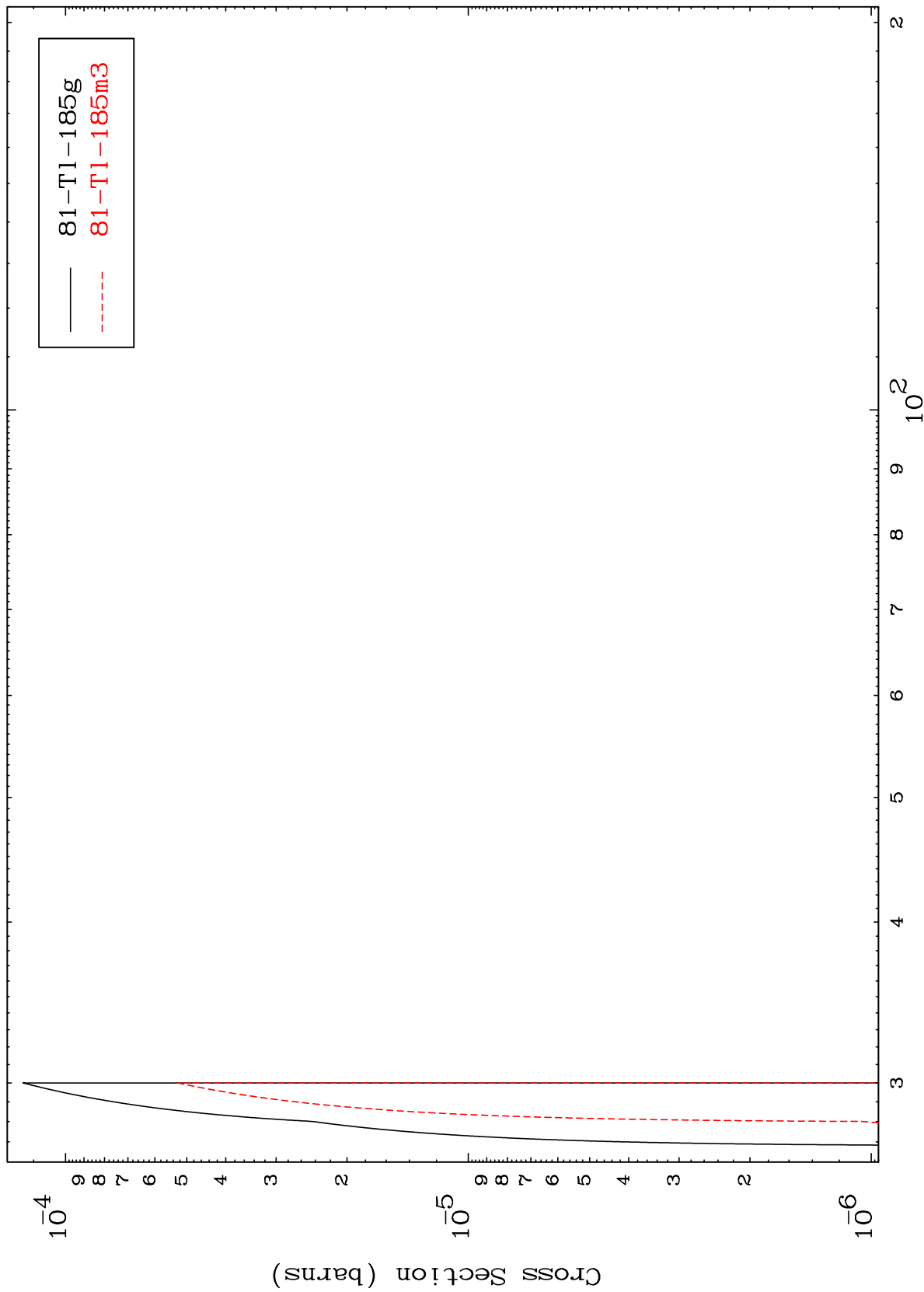


MAT 8080

81-Tl-188

(n,3n)

Radionuclide Production Cross Section



15

Incident Energy (MeV)

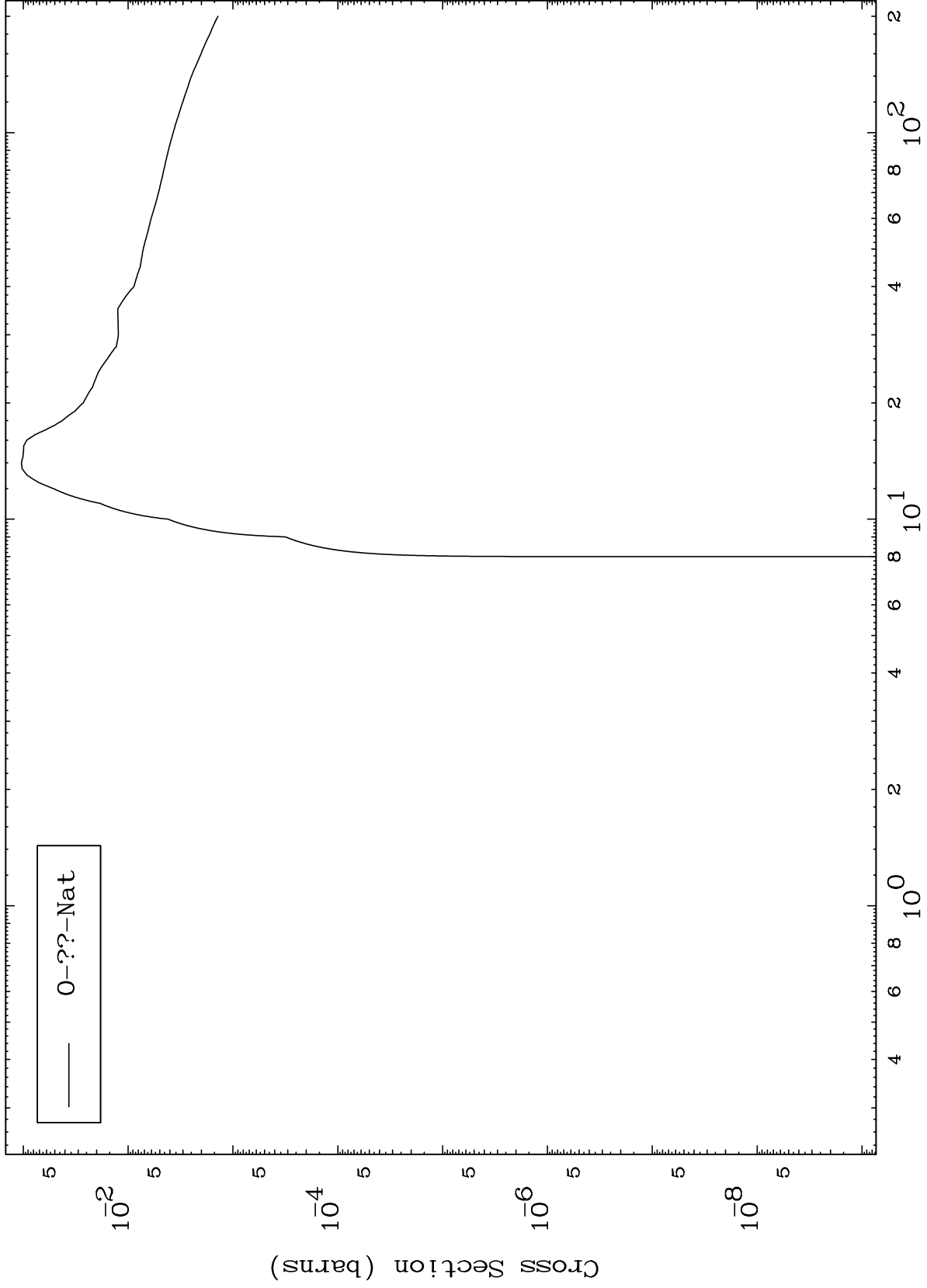
81-Tl-188

MAT 8080

Fission

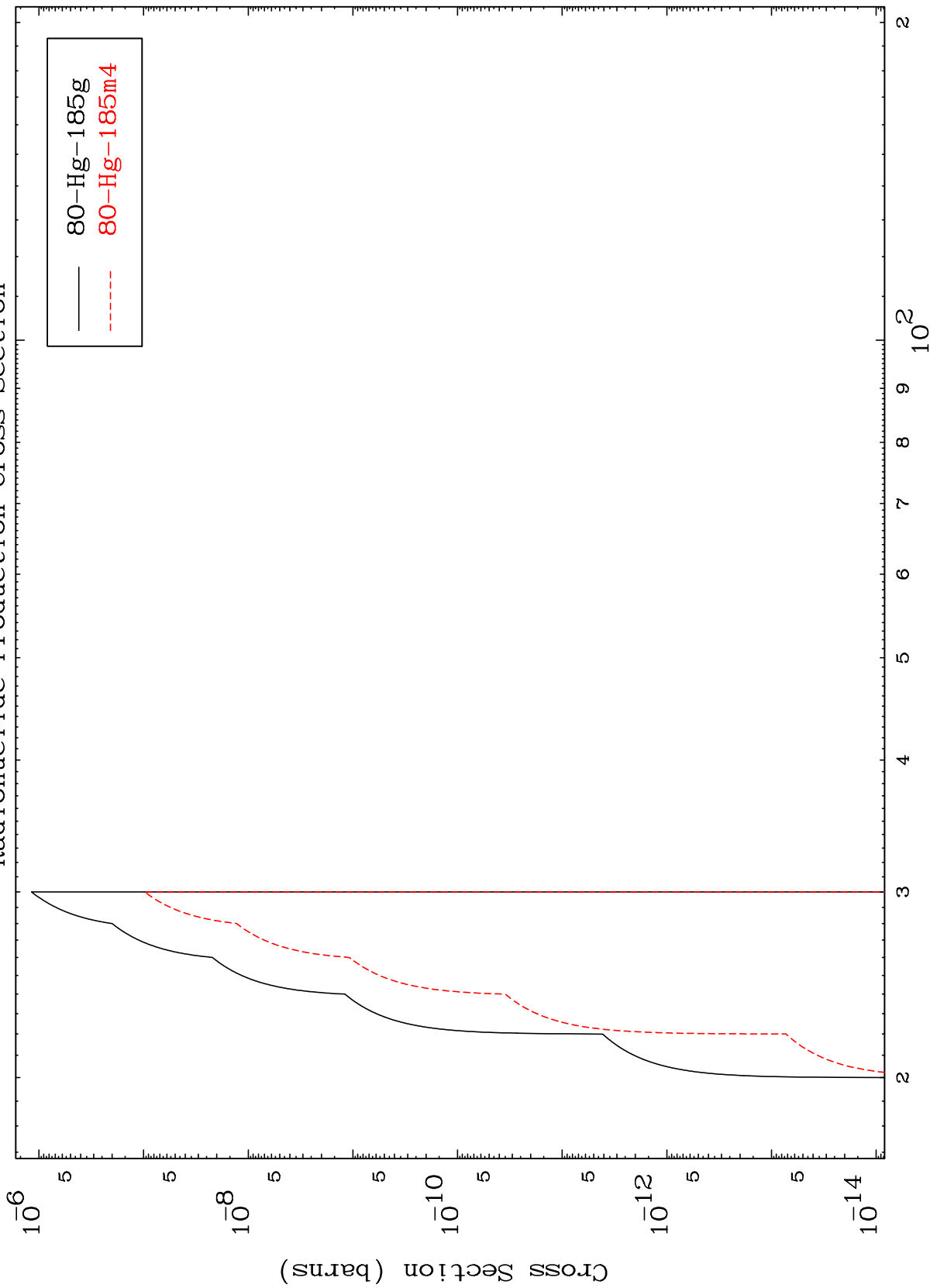
81-Tl-188

Radionuclide Production Cross Section



0-??-Nat

Radionuclide Production Cross Section

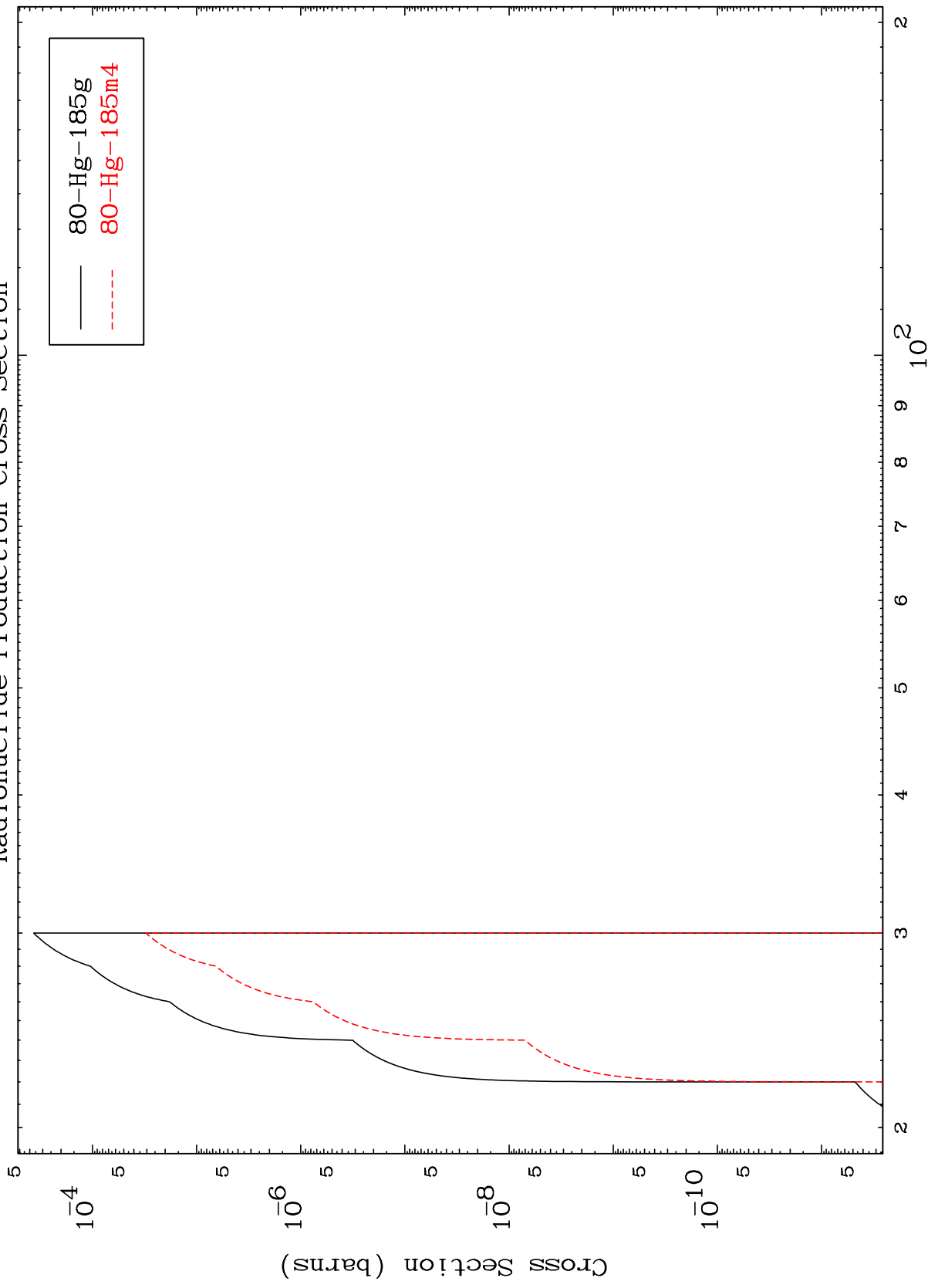


MAT 8080

(n,2n) p

81-Tl-188

Radionuclide Production Cross Section



18

Incident Energy (MeV)

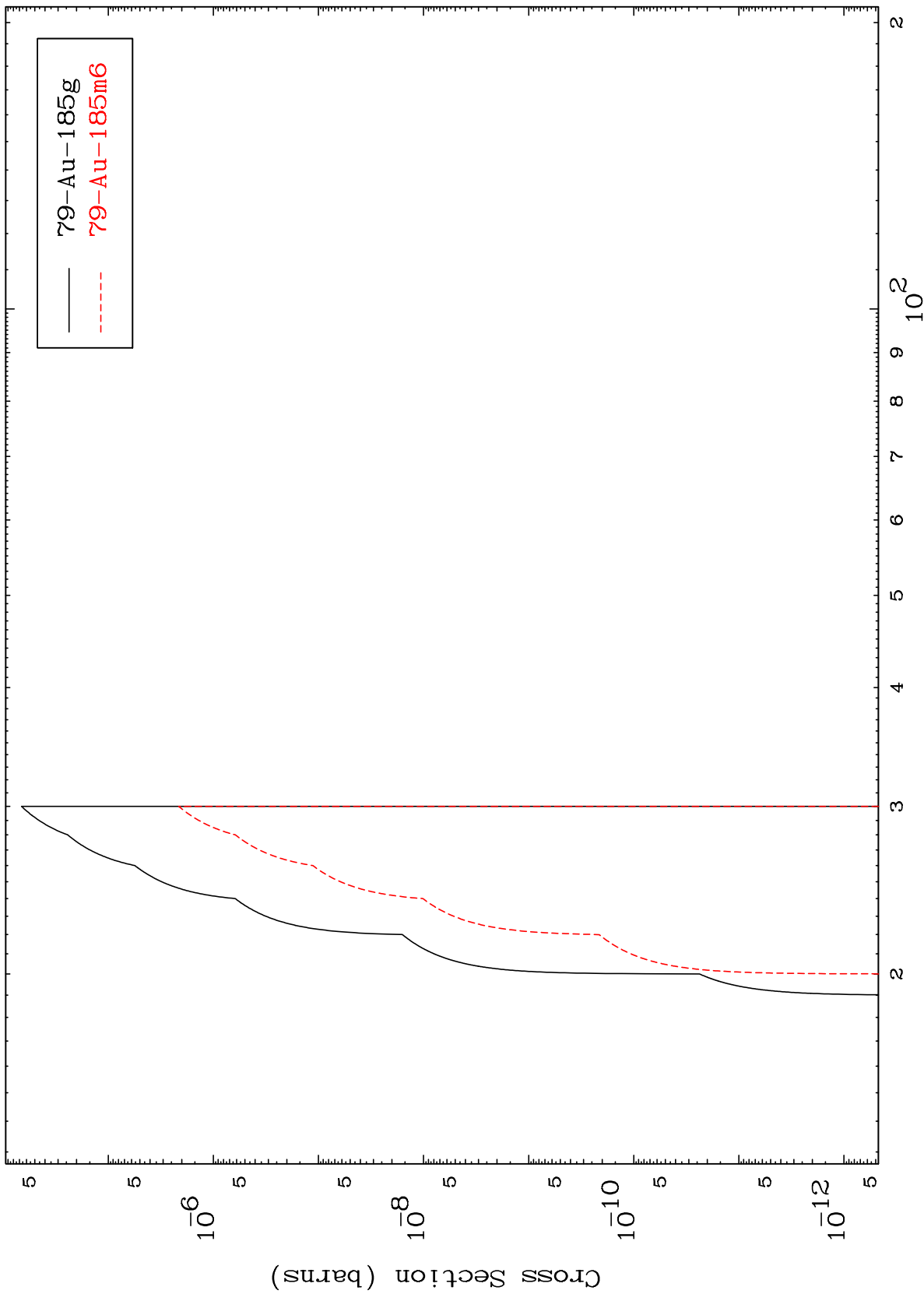
81-Tl-188

MAT 8080

(n,2n) p

81-Tl-188

Radionuclide Production Cross Section



19

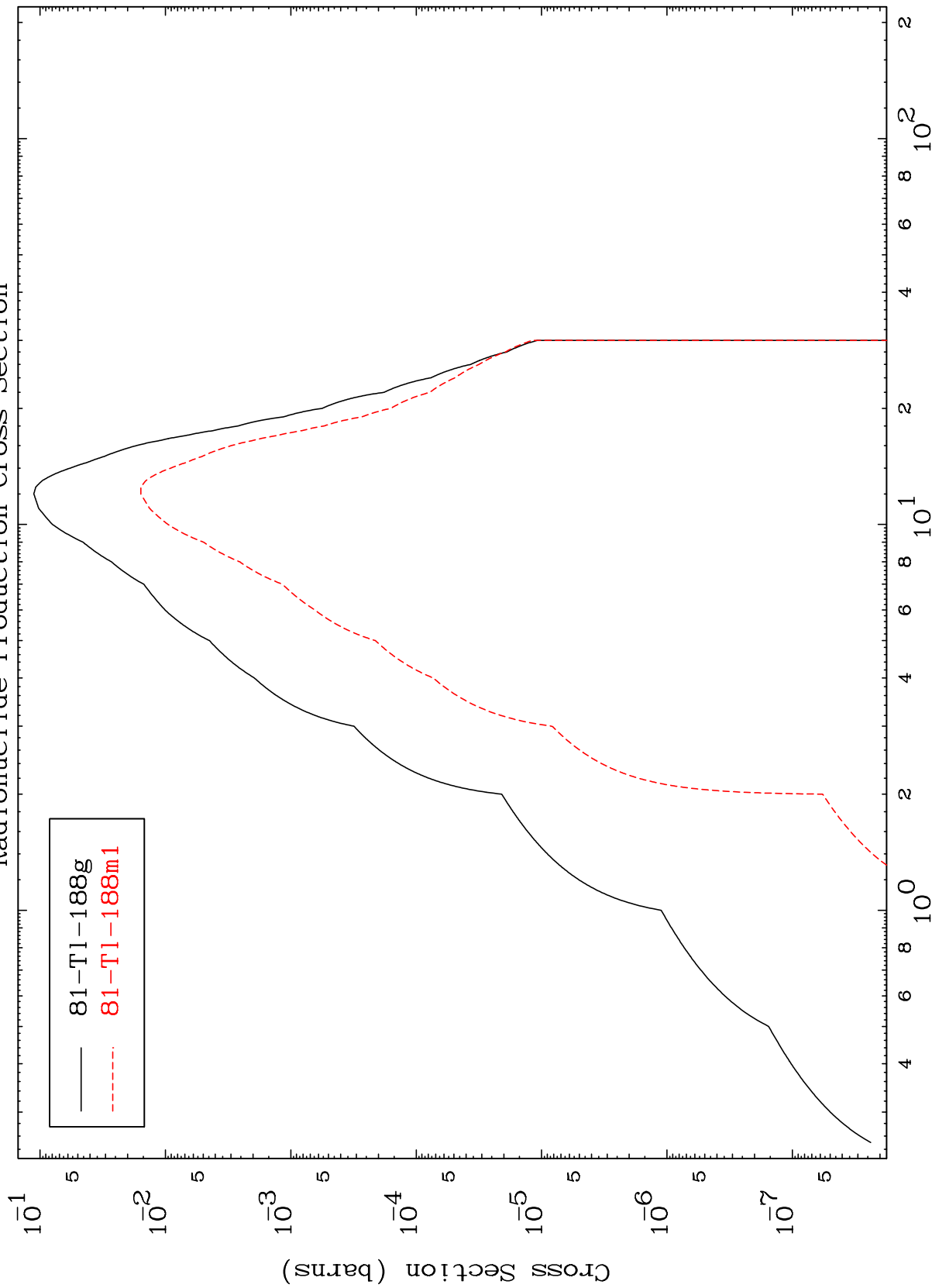
Incident Energy (MeV)

81-Tl-188

MAT 8080

81-Tl-188

Radionuclide Production Cross Section

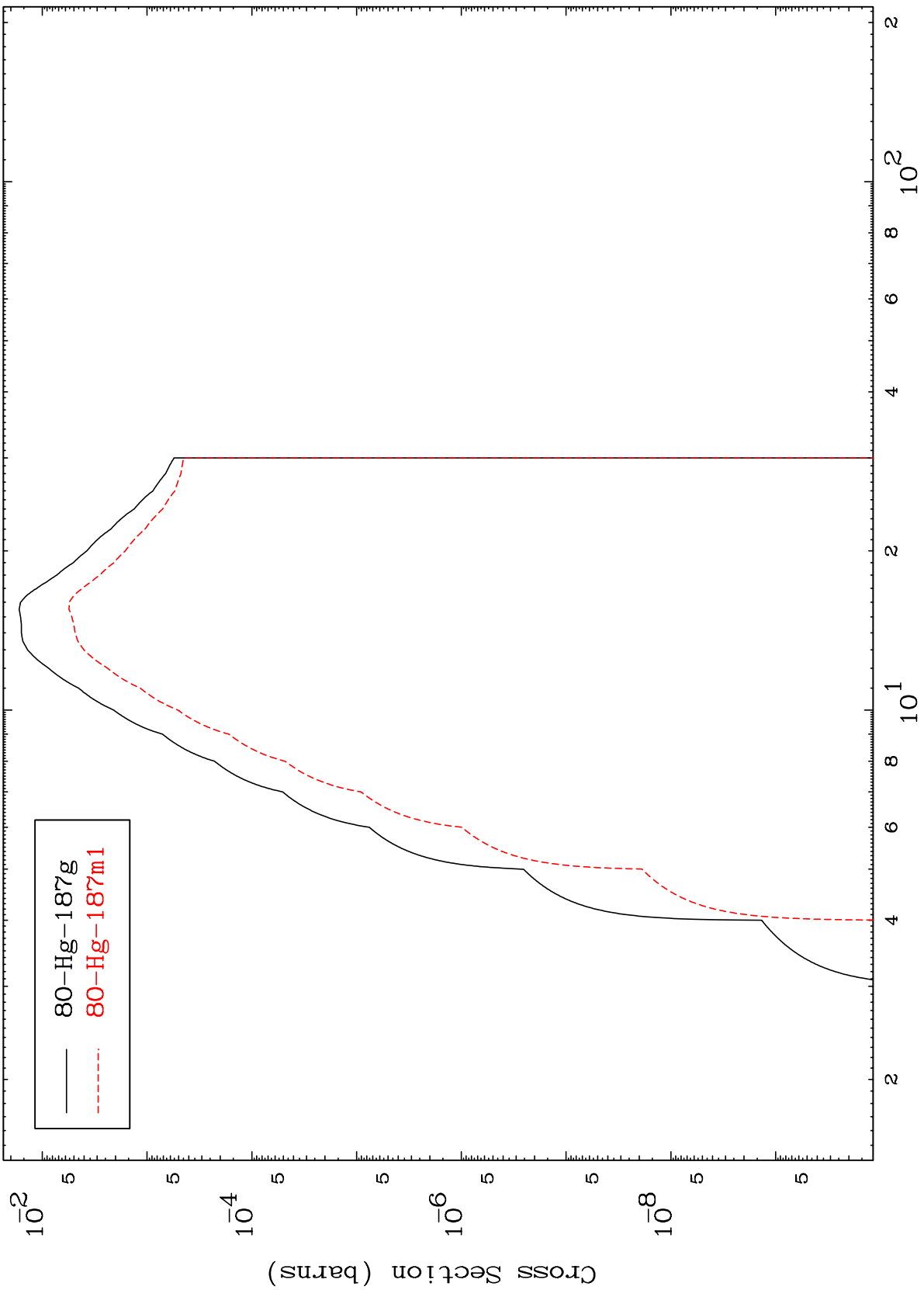


81-Tl-188g  
81-Tl-188m1

MAT 8080

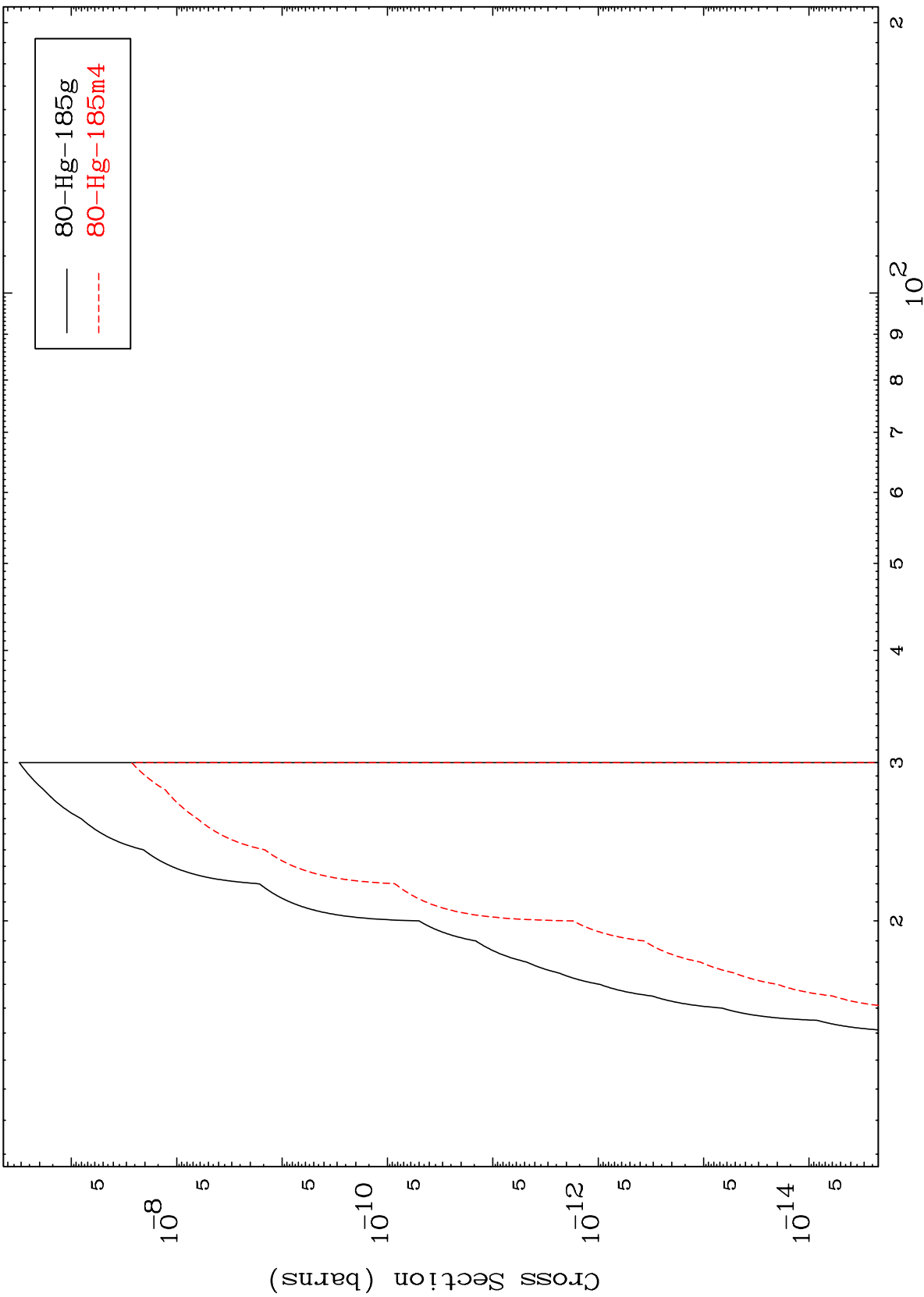
81-Tl-188

Radionuclide Production Cross Section (n,p)



Legend:  
— 80-Hg-187g  
- - - 80-Hg-187m1

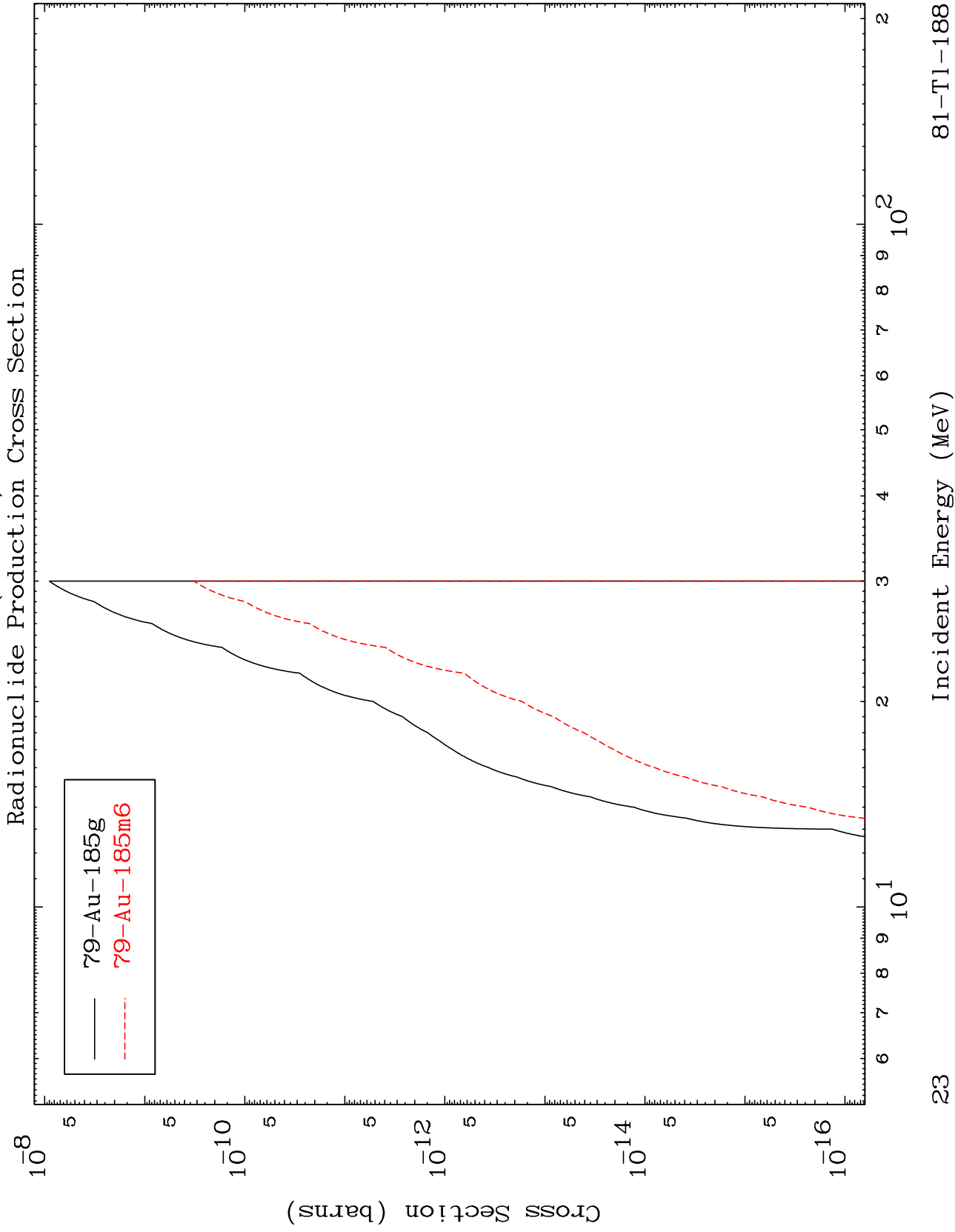
(n, t)  
Radionuclide Production Cross Section



MAT 8080

(n,He-3)

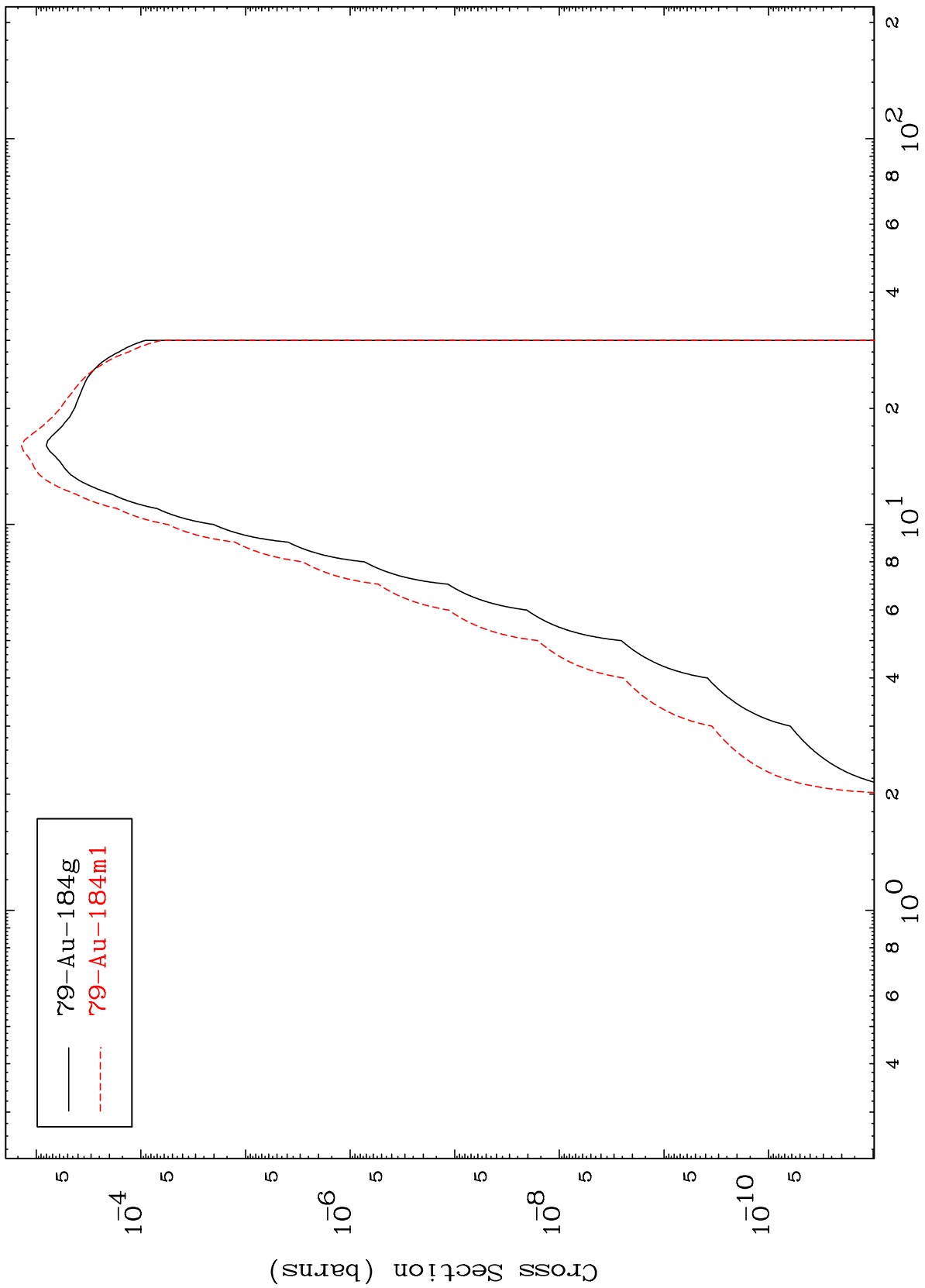
81-Tl-188



MAT 8080

81-Tl-188

Radionuclide Production Cross Section



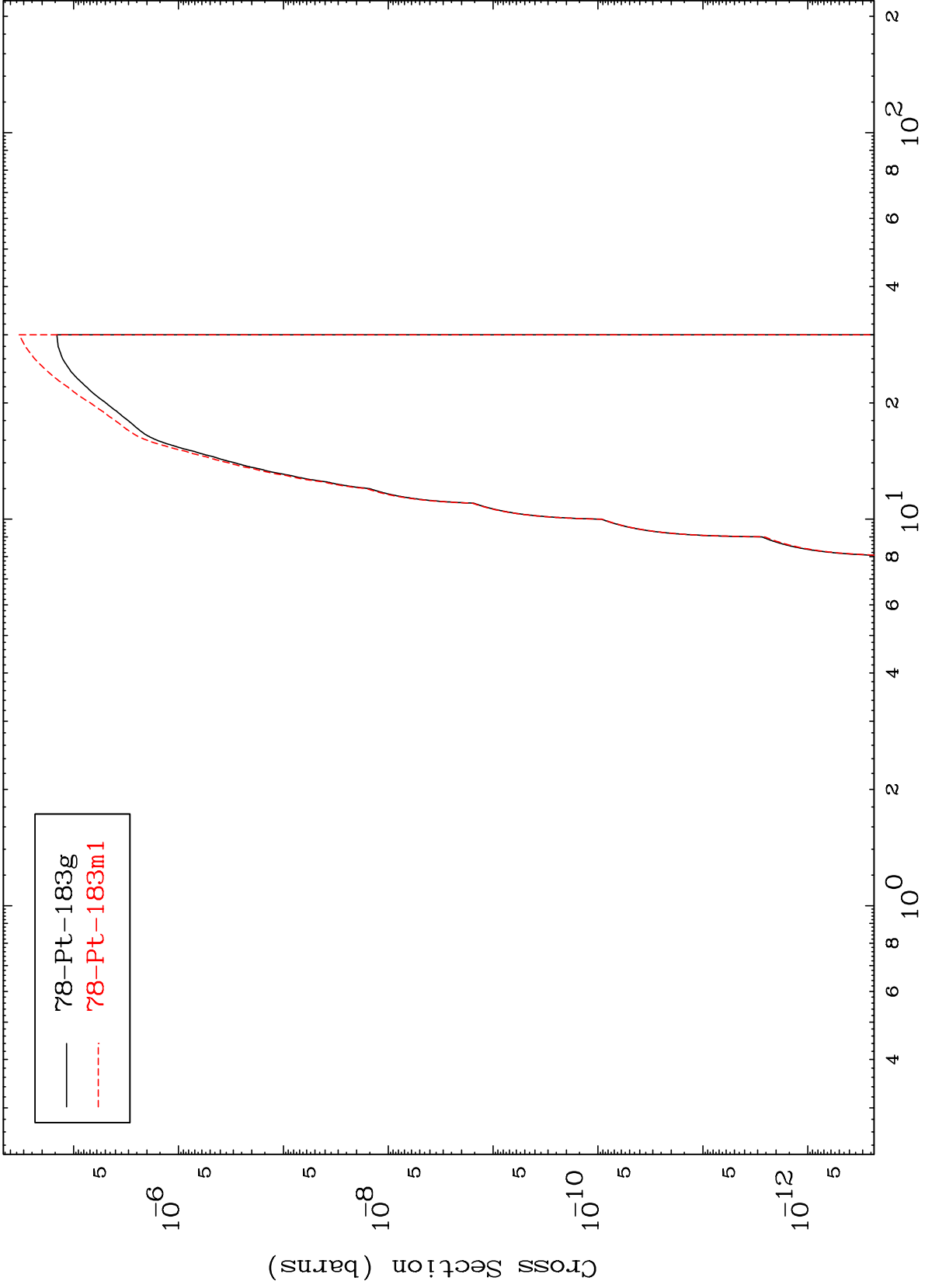
79-Au-184g  
79-Au-184m1

MAT 8080

(n,p)  $\alpha$

81-Tl-188

Radionuclide Production Cross Section



MAT 8080

(n,p) d

81-Tl-188

Radionuclide Production Cross Section

